

Louisiana

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	4,926	453,928	27	Total R&D performance, 1995 (millions)	\$423	\$177,210	41
Doctoral engineers, 1995	787	86,738	30	Industry R&D, 1995 (millions)	\$61	\$130,332	45
S&E doctorates awarded, 1996	285	27,230	29	Academic R&D, 1996 (millions)	\$308	\$22,481	26
of which, in life sciences	36%	25%		of which, in life sciences	62%	56%	
in social sciences	15%	15%		in engineering	16%	16%	
in mathematics and computer sciences	13%	8%		in environmental sciences	8%	6%	
S&E postdoctorates, 1996	266	37,019	29	Higher education current-fund expenditures, 1995 (millions)	\$2,534	\$182,602	25
in doctorate-granting institutions							
S&E graduate students, 1996	6,092	430,631	24	Number of SBIR awards, 1990-1997	85	31,155	33
in doctorate-granting institutions				Patents issued to state residents, 1997	376	61,699	31
Population, 1997 (000s)	4,352	271,464	22	Gross state product, 1996 (billions)	\$121.1	\$7,677.4	22
Civilian labor force, 1997 (000s)	2,024	137,564	24	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$20,680	\$25,598	41	manufacturing, mining, construction	38%	23%	
Federal spending				transportation, communication, utilities	9%	8%	
Total expenditures, 1997 (millions)	\$23,156	\$1,405,060	20	wholesale and retail trade	13%	16%	
R&D obligations, 1996 (millions)	\$235	\$66,087	35	finance, insurance, real estate	12%	19%	
				services	16%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	235,137	46,075	0	77,573	100,247	8,733	2,509	35
Department of Agriculture	31,768	24,451	0	82	7,195	40	0	13
Department of Commerce	3,693	580	0	813	2,160	0	140	27
Department of Defense	57,263	4,587	0	36,399	16,259	18	0	33
Department of Energy	10,269	0	0	0	3,629	6,640	0	30
Dept. of Health & Human Services	59,706	3,741	0	387	53,343	2,035	200	29
Department of Interior	17,620	12,716	0	2,120	2,484	0	300	5
Department of Transportation	1,105	0	0	183	117	0	805	36
Environmental Protection Agency	1,219	0	0	0	1,219	0	0	29
Nat'l Aeronautics & Space Admin.	40,568	0	0	37,579	2,989	0	0	18
National Science Foundation	11,926	0	0	10	10,852	0	1,064	35
State rank	35	32	na	32	29	29	22	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable